

Alumna named in Islamic State email to Foleys

*Militants asked for release of
accused al-Qaida operative*

By **Leon Lin**
NEWS EDITOR

Islamic State militants told the family of journalist James Foley, whom the group beheaded last week, that they had previously offered to return captured Americans in exchange for the release of Aafia Siddiqui '95, an MIT alumna and alleged al-Qaida operative.

The militants called Siddiqui "our sister" in their email, which was released by GlobalPost last week.

Siddiqui was accused of firing at American soldiers in Afghanistan as they were taking custody of her in 2008. She was found guilty of attempted murder and assault in 2010 and is now being held in Fort Worth, Texas.

Born in Pakistan, Siddiqui immigrated to the U.S. in 1990, according to press reports. In 1995, she graduated from MIT with a bachelor's in biology. While at MIT, she lived in McCormick Hall.

Siddiqui, Page 8



HO YIN AU—THE TECH

MIT President L. Rafael Reif, along with Provost Martin A. Schmidt PhD '88, Chancellor Cynthia Barnhart PhD '88, and members of the Phi Delta Theta fraternity completed the ALS Ice Bucket Challenge last Friday. Reif was nominated by Harvard President Drew Faust and by the Edgerton Lab. Reif donated \$100 to the ALS Association. ALS is also known as Lou Gehrig's Disease, after the American baseball player who was afflicted with ALS. Gehrig was a member of Phi Delta Theta when he studied at Columbia University.

IS&T offers Dropbox for Business to MIT

Last Thursday, MIT and Dropbox, the file hosting service, announced a new program to provide Dropbox for Business to all MIT students, staff, and faculty. All MIT users will fall under what Dropbox calls a 'team.' According to MIT, Dropbox for Business will offer unlimited storage space and recovery of deleted files to all users.

Dropbox was founded by Arash Ferdowsi '08 and Drew Houston '05. Houston spoke at Commencement in 2013.

The new program began in a pilot phase in the Operations and Research group at Information Systems & Technology. The pilot expanded to cover all of IS&T and other select groups on campus such as the Office of the Vice President, the MIT Libraries and Professor Timothy Lu's

research group.

MIT users can enroll in the MIT team while retaining their own personal accounts. IS&T has suggested that users separate files stored in the accounts linked to the MIT team and personal accounts in the same way that they separate their MIT and personal emails. IS&T stressed that not all files are appropriate for storage on Dropbox such as files protected by HIPAA, social security numbers, and other legally protected data. Like MIT email accounts, the Dropbox accounts will be deactivated when students graduate or employees leave MIT.

Users can sign up via Touchstone online at dropbox.mit.edu.

—Will Conway

Ex-prof, alum son plead guilty to hedge fund fraud

*Bitrans, who allegedly scammed investors
of \$140 million, face fines and up to 5 years*

By **Beth Healy**
THE BOSTON GLOBE

A former associate dean of MIT's Sloan School of Management and his son have pleaded guilty to securities fraud and obstruction of justice after allegedly losing \$140 million of investors' money in hedge funds.

Gabriel Bitran PhD '75, a 69-year-old Newton resident, and his son Marco Bitran '97, allegedly attracted investors from 2005 through 2011 by promising to invest using a complex mathematical trading model developed by Gabriel Bitran at MIT. They brought in \$500 million, but in reality invested much of the money in other hedge funds, according U.S. Attorney Carmen M. Ortiz in Boston.

As the financial crisis hit in the fall of 2008, several of the Bitrans' hedge funds had "disastrous losses," according to Ortiz's office, resulting in investors losing 50 percent to 75 percent of their principal. Some of the money was invested with New York financier Bernard Madoff, who was

convicted in 2009 of defrauding investors of billions of dollars and was sentenced to 150 years in prison.

Meanwhile, the Bitrans withdrew about \$12 million of their own money from the hedge funds, prosecutors allege, while forcing customers to wait to redeem money from their GMB Capital Management, later renamed ClearStream Investments.

"The Bitrans thereby extracted much of the value of their own investments while leaving other investors to suffer more losses as the funds' values declined precipitously," Ortiz's office said in a press release.

In addition, the US attorney said the Bitrans paid themselves millions of dollars in management fees.

The Bitrans falsely told investors they had delivered average annual returns of 16 percent to 23 percent for over eight years, prosecutors said. Father and son acknowledged to each other in e-mails, cited by the US attorney, that they had

Bitrans, Page 8



ALEXANDER C. BOST—THE TECH

Students rode the Scourge of the East, a Viking-themed pendulum swing built by residents of East Campus for the East Side Party, a Residence Exploration (REX) event, on Sunday night. The East Side Party featured a three-story fort complete with a fully functioning roller coaster, ramen-noodle wrestling, and 3-D Twister.

PROFESSOR EMERITUS DIES

John S. Waugh's obituary. **NEWS, p. 9**

SOME DORM ADVICE

Somewhere on the Search for Meaning.... **FUN, p. 6**

FEELING BORED?

Try the Saturday Stumper crossword. **FUN, p. 5**



SUPERHEROES IN BEANTOWN

The Tech covers Boston Comic Con. **CAMPUS LIFE, p. 7**

MORE REX EVENTS

The Daily Confusion. **SECTION, p. 10**

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Strikes in Libya broaden fight for Arab power

By David D. Kirkpatrick and Eric Schmitt
THE NEW YORK TIMES

CAIRO — Twice in the last seven days, Egypt and the United Arab Emirates have secretly launched airstrikes against Islamist-allied militias battling for control of Tripoli, Libya, four senior U.S. officials said, in a major escalation of a regional power struggle set off by Arab Spring revolts.

The United States, the officials said, was caught by surprise: Egypt and the Emirates, both close allies and military partners, acted without informing the U.S., leaving the Obama administration on the sidelines. Egyptian officials explicitly denied to U.S. diplomats that their military played any role in the operation, the officials said, in what appeared a new blow to already strained relations between leaders in Washington and Cairo.

The strikes in Tripoli are another salvo in a power struggle

defined by old-style Arab autocrats battling Islamist movements seeking to overturn the old order. Since the military ouster of the Islamist president in Egypt last year, the new government and its backers in Saudi Arabia and the United Arab Emirates have launched a campaign across the region to roll back what they see as an existential threat to their authority posed by Islamist groups like the Muslim Brotherhood.

Arrayed against them and backing the Islamists are the rival states of Turkey and Qatar.

Several officials said in recent days that U.S. diplomats were fuming about the airstrikes, believing the intervention could further inflame the Libyan conflict as the United Nations and Western powers are seeking to broker a peaceful resolution.

Officials said the government of Qatar has already provided weapons and support to the Islamist-aligned forces inside Libya,

so the new strikes represent a shift from a battle of proxies to direct involvement. It could also set off an arms race.

“We don’t see this as constructive at all,” said one senior U.S. official.

The UAE was once considered a sidekick to Saudi Arabia, a regional heavyweight and the dominant power among the Arab monarchies of the Persian Gulf. The Saudi rulers, who draw their own legitimacy from a puritanical understanding of Islam, have long feared the threat of other religious political movements, especially the well-organized and widespread Muslim Brotherhood.

The issue has caused a rare schism among the Arab monarchies of the Gulf because Qatar has taken the opposite tack. In contrast to its neighbors, it has welcomed Islamist expatriates to its capital, Doha, and supported their factions around the region, including in Libya.

Election panel enacts policy by not acting

By Nicholas Confessore
THE NEW YORK TIMES

WASHINGTON — The three Republican and three Democratic appointees of the Federal Election Commission had reached yet another deadlock: They would issue no advisory opinion on whether the Conservative Action Fund could accept contributions of bitcoin, the online currency created to be untraceable.

But a ruling of sorts emerged nonetheless in the hearing, held late last year, when one of the Republican commissioners, Lee E. Goodman, suggested that the group could essentially do as it pleased. The fund “has a clear statutory right to give and receive in-kind contributions regardless of what we say here today,” Goodman said.

The case was just one of the more than 200 times in the past six years that the commission has split votes, reflecting a deep ideological divide over how aggressively to regulate money in politics that mirrors

the partisan gridlock in Congress.

But instead of paralyzing the commission, the 3-3 votes have created a rapidly expanding universe of unofficial law, where Republican commissioners have loosened restrictions on candidates and outside groups simply by signaling what standards they are willing to enforce.

Campaign lawyers of both parties say the deadlocks have profoundly, if informally, affected the rules governing campaigns, particularly on questions involving whether political nonprofit groups must disclose their finances and the threshold for starting an investigation.

The splits are consistent enough in spelling out the likely direction of enforcement, they say, that they now advise clients that a 3-3 split comes close to official commission policy.

“If you’ve got a client who is not as risk-averse, then you can sit down with them and say, ‘Here’s the situation, you have three commission-

ers who say this is lawful, and that is something you can rely on between now and November for your campaign strategy,” said Michael E. Toner, a Republican election lawyer and former commissioner.

Some election lawyers have even turned the deadlocks into a kind of marketing spiel. As Anthony Herman, a lawyer at Covington & Burling, put it in an article on the firm’s website: “The F.E.C.: Where a ‘Tie’ Can Be (Almost) a ‘Win.’”

In an interview, Goodman, the commission chairman, described the guiding principle as one of deference to First Amendment political speech. In case of a deadlock, he said, the “tie goes to the speaker.”

That philosophy has not only changed the way older regulations are applied, but has also helped create de facto rules on emerging issues: whether candidates can set up fake websites for opponents to raise money for themselves, for example, and what disclosures are required on text-message political ads.

U.S. says it told Qatar not to pay a ransom for Peter Curtis

By Peter Baker
THE NEW YORK TIMES

WASHINGTON — The Obama administration said Monday that it brought the family of the American hostage Peter Theo Curtis together with the government of Qatar in an effort to secure his release, but insisted that it told the Qataris not to pay a ransom for the captured journalist.

White House and State Department officials denied any greater U.S. role in the surprise liberation of Curtis on Sunday but did little to shed further light on the secret machinations that led to his freedom. Qatar is a close U.S. ally that also has strong ties to the Nusra Front, an al-Qaida affiliate that had been holding Curtis for nearly two years.

“The role of the U.S. government in this situation was to facilitate a conversation between Mr. Curtis’ family and the Qatari government,” Josh Earnest, the White House press secretary, told reporters. “And from there, the Qatari government pursued through their established re-

lationships a conversation with the individuals who were holding Mr. Curtis, and they secured his release.”

Earnest said U.S. officials discouraged Qatar from offering money, although the energy-rich Persian Gulf emirate has been known for arranging other hostage releases in exchange for millions of dollars. “The United States government certainly did not ask the Qataris to pay a ransom,” Earnest said. “In fact, we asked the Qataris, consistent with our longstanding policy, to not pay a ransom for Mr. Curtis.”

James Foley, another American journalist held by a separate extremist group, the Islamic State, was beheaded in a video released last week after his captors made unmet demands for money. More than a dozen Europeans held in the same cell where Foley had been imprisoned have been freed for ransoms averaging more than \$2.5 million each, according to former hostages and others involved.

The U.S. government argues that paying ransoms only creates a marketplace that encourages the

abduction of civilians and that finances terrorist groups to capture or kill even more people. Jen Psaki, a State Department spokeswoman, said that “we also don’t support any third-party paying ransom” and that Washington has “not been told by the Qataris or any other party that there was anything more than” a humanitarian release in Curtis’ case.

Curtis, 45, a freelance journalist, was traveling in Turkey near the Syria border in the fall of 2012 when he was last heard from. U.S. officials said they contacted two dozen countries seeking their assistance in winning his freedom. While Islamic State continues to hold several other Americans, government officials said Curtis was the only American known to be held by the Nusra Front.

Curtis was handed over to U.N. peacekeepers in the Golan Heights on Sunday. After a medical checkup, he was transferred to U.S. officials who brought him to Tel Aviv, where he remained on Monday and was receiving medical evaluation. “He appears to be in good health,” Psaki said.

Obama approves reconnaissance over Islamic State in Syria

WASHINGTON — President Barack Obama has authorized surveillance flights over Syria, a precursor to potential airstrikes there, but a mounting concern for the White House is how to target the Sunni extremists without helping President Bashar Assad.

Defense officials said Monday evening that the Pentagon is sending in manned and unmanned reconnaissance flights over Syria, using a combination of aircraft, including drones and possibly U-2 spy planes. Obama approved the flights over the weekend, a senior administration official said.

Administration officials said that the United States had no plans to notify the Assad government of the planned flights. Obama, who has repeatedly called for the ouster of Assad, is loath to be seen as aiding the Syrian government, even inadvertently.

As a result the Pentagon is drafting military options that would strike the militant Islamic State near the largely erased border between those two nations, as opposed to more deeply inside Syria. The administration is also moving to bolster U.S. support for the moderate Syrian rebels who view Assad as their main foe.

On Monday, Syria warned the U.S. that it needed to coordinate airstrikes against the Islamic State or it would view them as a breach of its sovereignty and an “act of aggression.” But it signaled its readiness to work with the United States in a coordinated campaign against the militants.

The reconnaissance flights would not be the first time the United States has entered Syrian air space without seeking permission. In July, U.S. special operations forces carried out an unsuccessful rescue attempt for hostages held by the Islamic State, including journalist James Foley, whose death was revealed last week in a video.

Obama met Monday with Secretary of Defense Chuck Hagel and other advisers to discuss options, but the administration said Obama had not yet decided whether to order military action in Syria. Still, administration officials acknowledge that the sudden threat from the Islamic State to Americans — several of whom are still held by the militants in Syria — had complicated the calculus for the U.S. in a conflict Obama has largely avoided.

—Mark Landler and Helene Cooper, *The New York Times*

Liberian doctor treated with experimental drug dies from Ebola

A Liberian doctor with Ebola who was given ZMapp — the same experimental drug given to two infected Americans — has died, officials said Monday.

Dr. Abraham Borbor, deputy chief medical doctor at Liberia’s largest hospital, had received one of the few existing doses of the drug, made by a San Diego company, The Associated Press said, quoting Liberia’s information minister.

The two Americans who received ZMapp survived after treatment at Emory University Hospital in Atlanta. When the two were released last week, their doctors said they did not know whether the drug — a cocktail of mouse antibodies grown in tobacco plants — had helped them, had no effect or perhaps even slowed their recoveries.

A Spanish priest who received one of the first six doses also died, but that was attributed in part to his age, 75.

Also on Monday, it was confirmed that another Ebola outbreak is underway in a remote village in the northeast of the Democratic Republic of Congo. A Congolese government laboratory said it was of a different strain and not related to the West African outbreak, which is almost 3,000 miles away.

The Congo outbreak is known to have killed 13 people. The country — formerly Zaire — has had six outbreaks since the disease was discovered there in 1976 in a village near the Ebola River.

More than 240 health care workers have fallen ill in this outbreak, the health organization said Monday, and half of them have died. In previous outbreaks, the organization said, deaths among medical workers have decreased rapidly once it is known that patients have Ebola and personal protection measures are taken.

As of last Friday’s WHO update, 2,615 people in four countries had been infected and 1,427 had died.

—Donald G. Mcneil Jr, *The New York Times*

At least 4 inmates are killed during bloody prison uprising in Brazil

RIO DE JANEIRO — Negotiators on Monday were still trying to end a bloody prison uprising in southern Brazil that has left at least four inmates dead at the hands of fellow prisoners, including two by beheading, the authorities said.

Although prison riots have become relatively frequent, the brutality of the rebellion at Cascavel, a city of about 300,000 in a farming belt of Paraná state, and dramatic photographs of masked prisoners dangling inmate hostages from the roof, underscored the bleak conditions often faced by jailers and jailed alike.

The latest rebellion erupted on Sunday morning over complaints by inmates over the quality of the food and accusations of physical abuse by guards. It lasted more than 30 hours, and involved clashes among factions inside the prison and a tense standoff with security forces.

Although the authorities announced an agreement had been reached with prisoners, one of the inmate leaders denied that in a radio interview.

Brazil’s prison population has more than quadrupled since the 1990s to about 550,000, largely as a result of an increase in narcotics incarcerations. Prison uprisings flare almost on a monthly basis as the authorities grapple with poor financing and a lack of training for guards overseeing the rising numbers of inmates.

The scenes of violence at the Cascavel prison suggest that the Brazilian authorities remain far from addressing structural problems in the country’s prisons. At one point during the uprising, prisoners used the decapitated head of one of the inmates to strike fear in one of the guards who had been taken hostage, the newspaper Folha de S. Paulo reported.

—Simon Romero, *The New York Times*

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CONVENTION REVIEW

Boston Comic Con

Superheroes (and their creators) descend on Beantown

By Steve Sullivan
STAFF COLUMNIST

Boston Comic Con has grown so much in recent years that it increased from two to three days in length this year. I thought I might be too tired to experience BCC after attending San Diego Comic Con only two weeks earlier, but thankfully this convention offered a less intense atmosphere. More than anything else, the show focused on providing a venue for comics enthusiasts to meet and interact with some of their favorite artists and writers.

Although most artists charge for commissions, it's always good to ask if they'll sketch you something. One drew a quick sketch of The Flash's head for free.

Before the convention kicked off, I had already made a list of several creators I wanted to meet and set about tracking them down. To meet current Batman creative team Scott Snyder and Greg Capullo, I had to obtain a ticket and wait a few hours. However, to meet most other creators, I only had to wait behind a few people. I've started taking a sketchbook to conventions to collect autographs and sketches from favorite creators in one place. Although most artists charge for commissions, it's always good to ask if they'll sketch you something. One artist I met, Marcio Takara, current series artist on Captain Marvel, was charging upwards of \$100 for professional drawings of characters, but drew a quick sketch in my sketchbook of The Flash's head for free.

One difference I noticed between Boston and San Diego Comic Con was that more people seemed interested in buying comic books at the Boston show. Eric Porter, a writer selling issues of his self-published comic, *Nightshadow*, sold nearly all the copies he brought with him. As at any con, fans also browsed booths full of pop culture merchandise. I bought one of the official Boston Comic Con shirts bearing Rocket Raccoon (from the summer blockbuster *Guardians of the Galaxy*) alongside the BCC logo.

Other attractions included celebrity guests such as Sean Astin, who played the hobbit Samwise Gamgee in the *Lord of the Rings* trilogy. Unlike with the comics professionals, interacting with the celebrities carried an additional charge of \$40 for autographs and \$60 for photos with them. Many attendees chose instead to take pictures with the multitude of cosplayers roaming the hallways, whose intricate costumes never cease to amaze. Cosplayers did their best to make the experience memorable for fans. I saw a Pikachu cosplayer take on a Deadpool cosplayer in staged combat! My only real disappointment with BCC was that I couldn't find the Mr. T cosplayer I had taken photos with both of my two previous years at the con. But with everything there was to see, I still left the show floor a happy fan.



STEVE SULLIVAN—THE TECH
An attendee photobombs a shoot of a Pikachu cosplayer on the show floor of Boston Comic Con 2014 in the Seaport World Trade Center.

EVENTS

AUG. 26 – SEPT. 1

TUESDAY

(6:00 p.m. – 7:00 p.m.) Orientation Pizza Making with Hillel — W11 Main Dining Room

WEDNESDAY

(11:30 a.m. – 1:30 p.m.) Learning Fair, open-house event sponsored by GSC and MIT spouses&partners — W20-307 (Student Center)

(7:00 p.m. – 8:00 p.m.) European Club info session I with MISTI — 1-135

THURSDAY

(7:00 p.m. – 9:00 p.m.) MIT COOP at Kendall hosts VIP night for incoming freshman class of 2018 and new Sloan students, with food, giveaways, and discounts — NE-49 (MIT COOP)

FRIDAY

(8:00 p.m. – 10:30 p.m.) The Musical Theatre Guild presents *Grease*, \$3 incoming MIT freshmen, \$6 MIT and Wellesley students, \$10 MIT affiliates and other students, \$15 general public — W16-035

(9:00 p.m. – 12:00 a.m.) Sid-Pac orientation blacklight dance party, sponsored by Sidney-Pacific Graduate Community, LEF, and GSC Orientation — NW86

SATURDAY

(2:00 p.m. – 4:00 p.m.) Chinese traditional art workshop I (Guqin), Chinese tea and refreshments provided, sponsored by GSC Funding Board and Chinese Association of Science and Technology — NW10 (large lounge)

(6:30 p.m. – 8:30 p.m.) Summer Grill Night, sponsored by GSC Funding Board and Eastgate Community Association — E55 (Eastgate courtyard)

SUNDAY

(8:00 p.m. – 10:00 p.m.) Trial by Audience, or Musical Comedy Down to the Waistcoat, sponsored by MIT Gilbert and Sullivan Players, free admission — 4-237

MONDAY

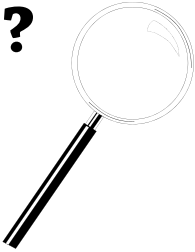
(5:00 p.m. – 9:00 p.m.) Sid-Pac Orientation BBQ, sponsored by Sidney-Pacific Graduate Community, GSC Funding Board, MIT COOP BOOKS, GSC Orientation, H-Mart, Harvest CO-OP, and Whole Foods — NW86 courtyard

Send your campus events to events@tech.mit.edu.

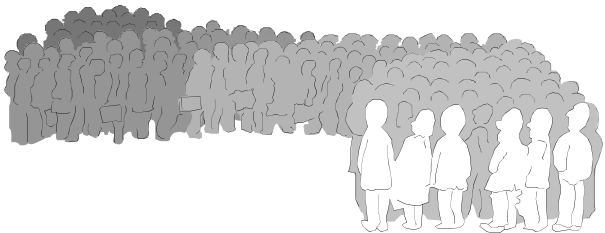
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Prosecutors: prof. falsely claimed returns up to 23%

Bitrans, from Page 1

misled investors.
In July 2009, Gabriel Bitran said to his son in an e-mail, “We have mislead (sic) a lot of people with a range of statements that were incorrect simply to increase our income.”
The pair previously settled similar civil charges with the Securities and Exchange Commission in

2012, agreeing to pay \$4.8 million.
During the SEC’s investigation, the Bitrans made false statements to the examiners, according to the U.S. attorney.
If the plea agreements are accepted by the judge in the criminal case, the Bitrans will be sentenced to two to five years in jail, as well as a period of up to three years of supervised release, and will have to repay \$10 million of their gains.

Course 7 alumna shows up in email from Islamic State

Alleged al-Qaida operative holds degrees from MIT and Brandeis

Siddiqui, from Page 1

Siddiqui went on to study neuroscience at Brandeis University, where she received her PhD in 2001.
While in the Boston area, Siddiqui married and had three children. After she returned to Pakistan in 2002, she divorced her first husband and married Ammar al-Baluchi, who was allegedly involved in the financing of the Sept. 11 attacks and is now being held at Guantánamo Bay.
Siddiqui went missing shortly after the FBI put her on a ‘wanted’ list. But five years later, in a region where most women were illiterate, an Afghan shopkeeper saw her drawing a map and found it suspicious, according to press reports.
That day, Afghan police found instructions and chemicals for making bombs in her bag and arrested her.
Later in 2008, when she was to be transferred to Americans, she grabbed an M4 automatic rifle and fired at the FBI agents and U.S. Army officers present, prosecutors said. She was subdued after being shot in the abdomen.
The circumstances of Siddiqui’s extradition and trial in the U.S. won her sympathy among Pakistanis.
During Siddiqui’s trial, her lawyers argued that she suffered from a mental disorder, but a judge found her competent to stand trial, and she was ultimately convicted.

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Solution to Sudoku
from page 5

5	7	8	9	4	6	3	1	2
6	4	1	3	8	2	5	7	9
3	9	2	5	7	1	6	4	8
4	3	7	2	6	5	8	9	1
2	1	5	7	9	8	4	3	6
9	8	6	4	1	3	2	5	7
8	2	9	1	5	4	7	6	3
7	6	4	8	3	9	1	2	5
1	5	3	6	2	7	9	8	4

Solution to Techdoku
from page 5

4	3	6	2	5	1
1	6	3	5	2	4
3	2	5	1	4	6
5	4	1	3	6	2
2	1	4	6	3	5
6	5	2	4	1	3

Solution to Crossword
from page 5

A	P	P	L	E	C	I	D	E	R	SWAG
F	O	R	A	L	L	T	I	M	E	TELL
I	K	I	D	Y	O	U	N	O	T	ALTA
R	E	E	L	D	N	A	ARLES			
E	R	R	E	D	E	R	D	O	C	T
M	A	D	P	O	S	I	T	S	FLAY	
I	C	E	T	A	T	B	A	T	F	E
S	U	M	O	T	O	M	C	A	T	D
S	T	O	N	I	E	R	E	R	I	C
J	A	M	E	S	D	E	A	N	C	H
U	B	O	L	T	S	T	U	A	L	O
L	O	D	E	N	O	T	E	T	A	K
I	V	E	S	B	A	R	R	E	L	R
E	E	L	S	C	R	O	S	S	F	A

OBITUARY

John Waugh, emeritus chem prof, dies

Connecticut native known for work in nuclear magnetic resonance

Anne Trafton
MIT NEWS OFFICE

John S. Waugh, an MIT Institute Professor emeritus and professor emeritus in the Department of Chemistry, died Friday, Aug. 22, at the age of 85. Waugh was an authority in chemical physics, known internationally for his work in magnetic resonance.

Waugh's pioneering work in nuclear magnetic resonance (NMR) made it possible to study the molecular structures of proteins involved in Alzheimer's and Parkinson's diseases, diabetes, and many other disorders. NMR uses the magnetic properties of atomic nuclei to unravel the structures and dynamics of substances containing those nuclei. In NMR, the magnetic moments of atomic nuclei are stimulated with static and radiofrequency magnetic fields, and give rise to signals useful in a variety of applications — from medical imaging to spectroscopy.

"He was an extremely humble giant in the development of solid-state nuclear magnetic resonance spectroscopy," says Sylvia Ceyer, head of MIT's Department of Chemistry. "His keen wit, razor-sharp intellect, and extraordinary sense of humor made him a treasured jewel amongst his colleagues."

Born in Willimantic, Conn., in 1929, Waugh received his bachelor's degree from Dartmouth College in 1949, graduating summa cum laude with highest distinction in chemistry. He received his PhD in chemistry and physics from Caltech in 1953. He came to MIT as an instructor in chemistry that same year, and became assistant professor in 1955, associate professor in 1958, professor in 1962, and the Arthur Amos Noyes Professor of Chemistry in 1973.

As a grad student in the lab of Caltech chemistry professor Don Yost, Waugh built his first NMR system with a borrowed magnet and some World War II surplus electronics. When he arrived at MIT, NMR was already a valuable tool for the study of molecular structure — but only for liquid samples.

In the 1960s Waugh developed a way to use NMR to study solids by applying a special sequence of sharp, intense pulses of radiofrequency power. This made NMR useful for analyzing things that don't dissolve in water, including proteins, nucleic acids (such as DNA), and some drugs. That technique eventually played a role in many of the past half-century's discoveries in chemistry, physics, biology, and materials science; it is now one of science's most widely used tools.

"He basically invented the field of solid-state NMR when everyone else had left the field because they thought it was never going to work," says Robert Griffin, an MIT professor of chemistry who was a postdoc in Waugh's lab in the 1970s. "He made some incredible innovations that have led to many important scientific steps forward, and today solid-state NMR is a vibrant enterprise. There's a huge number of people working in it, and it's all because of things that happened in John Waugh's lab."

In 2011, Waugh told MIT News that he never anticipated the wide impact his work has turned out to have.

"I think that's the way most [scientists] are," he said. "You start off doing some limited kind of stuff that makes use of any particular talents or knowledge you happen to have. You don't think of it as being something that's going to revolutionize the world. It's just something interesting

to do, and might be fun."

In 1988, Waugh was the recipient of MIT's James R. Killian Jr. Faculty Achievement Award — an honor bestowed by faculty colleagues in recognition of extraordinary professional accomplishments and service to the Institute. In 2011, he received the Welch Award, given for basic research that benefits humankind.

"Dr. Waugh discovered how to use NMR to study solids, creating a collection of tools that allows researchers to view the structures and properties of proteins, membranes, viruses and many other critical components of life," said Ernest H. Cockrell, chair of the Welch Foundation, in presenting Waugh the award. "Ultimately, new applications in fields as diverse as medicine and batteries can trace their way back to the research techniques he initiated."

Waugh also won the Wolf Prize in Chemistry in 1983. He was a member of the National Academy of Sciences, a fellow of the American Academy of Arts and Sciences, and a former chairman of the Division of Chemical Physics of the American Physical Society. He received Dartmouth's Haseltine Chemistry Prize in 1949, the Humboldt-Preis in 1972, the Irving Langmuir Chemical Physics Award in 1976, the Pittsburgh Spectroscopy Award in 1978, and Caltech's Distinguished Alumnus Award in 1987. In 1989 he received an honorary doctorate from Dartmouth.

Waugh is survived by his wife, Susan, of Lincoln, Mass.; a daughter, Alice, of Lincoln, Mass.; a son, Frederick, of Austin, Texas; and five grandchildren, Sarah and Rebecca of Lincoln, Mass., and Jack, Ted, and Sam of Austin, Texas.

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Welcome Students!

MIT Libraries Orientation Events

Thursday, August 28

Hitchiker's Guide to the Libraries

Tours begin at 2:00 & 2:30 pm
Meet in Lobby 7

FREE Ice Cream for Freshmen

3:00 - 5:00 pm
Lipchitz courtyard (Building 14)

libraries.mit.edu

MIT Libraries

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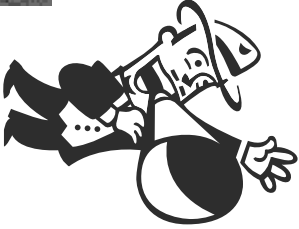
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Somerville, MA







Welcome, Class of 2018! The following events were submitted to *The Tech* by dorm representatives.

Tuesday,
August 26, 2014

00:00

00:00—**Next House**
Next Hoenn: Calling all Pokemon trainers! Team Magma and Team Aqua are recruiting! Sign up at bit.ly/nextmagma or bit.ly/nextaqua, and bring a QR Code scanner to Next House. There are 202 Hoenn Pokemon out and about; can you catch em all?
00:00—**Burton Conner**
Midnight Ultimate Frisbee: Midnight. Ultimate. Frisbee. It’s not rocket science.

01:00

01:30—**Senior Haus**
Cum eat us out

03:00

03:17—**Random Hall**
RHOP: Random House of Pancakes: I’m a delicious warm pancake smothered in maple syrup. Bite me. We have almost as many pancakes as the International House of Pancakes, and you don’t have to drive to get here. See how much maple syrup you can fit on one plate.

04:00

04:01—**EAsT campPUS**
#actually a supervillian origin story: that’s how the green man was born
04:36—**EAsT campPUS**
they don’t even do packages now? “yeah we just throw them all. hope you find it!”

05:00

05:41—**EAsT campPUS**
whoa WHOA whoa whoa on the go!

06:00

06:23—**EAsT campPUS**
i went to that jewish camp and then i went to a different jewish camp for a few years. whoa WHOA whoa.

08:00

08:00—**New House**
Continental Breakfast: Looking for breakfast or a bedtime snack? Craving delicious smoothies and waffles? Not enough bacon in your diet? The friendly residents of New House will be serving up breakfast, so come get some!
08:00—**Simmons Hall**
Getting out of Bed is Hard: But it’s much easier with a delicious breakfast! Come eat more breakfast!

09:00

09:00—**Simmons Hall**
Simmons Build: Preparing for war! We’ll need help and luck. (BYO dramatic music.)
09:15—**EAsT campPUS**
how did you find this farm? “there was a great craigslist ad...”
09:29—**EAsT campPUS**
Idiosyncratic Systematic
09:30—**La Maison Française**
Telephone Pictionary: Start with a phrase, draw some pictures, and end up with a fun game for everyone! Get to know the LMF residents and your fellow classmates through this hilarious game.
09:30—**Burton Conner**
Burton Conner Breakfast: The most wonderful meal of the day. Because waffles. And eggs. And baaaaacon.
09:30—**McCormick Hall**
Running & Breakfast: Morning bridge loop (a popular route for runners) led by McCormick residents for the first hour. Whether you’re looking for a morning workout or a scenic jog, we’ll have a group for you! Breakfast available starting at 10:00.
09:30—**Next House**
Next Breakfast: To-go breakfast items will be available in the lobby. Start your day

right! Dino Fact of the Day: The first officially named dinosaur was the Megalosaurus, which was named in 1824.
09:30—**MacGregor**
Fakebreast: Err, breakfast. You know, toast, pancakes, cereal.

10:00

10:00—**Senior Haus**
Showside Brunch
10:06—**EAsT campPUS**
I was pitching my tent... “you were pitching your tent? Oh, LITERALLY.”
10:17—**Random Hall**
Learn How to Zephyr: In the 80s, the ancient days before TCP, MIT students had an older, more h4rdk0r3 chat client: Zephyr. Come get set up and talk to each other through Random Hall’s chat client of choice!
10:29—**EAsT campPUS**
whoa WHOA whoa means “look at that giant ass” in some languages

11:00

11:03—**EAsT campPUS**
16 is like-- lower than that and I’ve had sex with, like, a chicken

12:00

12:30—**Burton Conner**
Smoothies and Chilling: Hang out and catch a break from the heat with some smoothies.
12:30—**Simmons Hall**
Simmons Build: Last minute preparations, time to fix everything. (Quick, where’s the duct tape?)
12:30—**Simmons Hall**
Pizza Bagels: Come enjoy some free lunch by making your own bagel pizza with delectable toppings. You should probably eat said pizza bagels as well.
12:30—**Burton Conner**
Build for Water Wars!:: Help us prepare for our attempt to stave off the Eastern Barbarians!
12:30—**Next House**
THE NEXT BIG THING: Next Big Inception: BWAAAAHM. BWAAAAHM. BWAAAAHM. You mustn’t be afraid to dream a little bigger, darling.
12:30—**La Maison Française**
Pretzels and Pastries: Craving something savory? Something sweet? How about both? The dough is ready! Come to French House to make pretzels and pastries with us!
12:30—**MacGregor**
“Mexican” Food: Join us for a culturally appropriated lunch of things that have sour cream and guacamole. (Tacos, burritos, quesadillas, nachos?)
12:30—**Maseeh Hall**
Make art for your new home! Unleash your creative spirit on canvas and cookies. Learn about art opportunities at MIT!
12:47—**Random Hall**
Around the World with Random: “I’ve been everywhere man, I’ve been everywhere...” and we’ve got the food to prove it! Come enjoy some cultural cuisine with Randomites from around the globe.

13:00

13:00—**New House**
Nerf War: Battle of Champions: Do you have what it takes? Nerf guns provided. BYOC (bring your own courage).
13:00—**La Casa**
Carne Asada: Join us in our traditional cook-out. Eat carne asada and other Hispanic dishes with la familia. Learn about Spanish House and its residents cultures while enjoying a good meal.
13:00—**New House**
Dance Dance: Dance Dance Dance Dance Dance! Come in and play Dance Central for cool prizes!
13:00—**Next House**
Trebuchet Testing: So we built a Trebuchet for the Water War. Launch stuff comically far with us!
13:00—**Burton Conner**
Jello Wrestling: We all know you’ve been trying real hard over the summer to get that kick ass beach bod. And don’t lie - you’ve been dying to show it off. The high school days of being the ugly duckling are over. Strip down

to your undergarments and exert your physical domi

13:00—**New House**
Smoothigami: What happens when you mix smoothies and origami? You get...wet sticky paper. Luckily, we’re not doing that. We have state of the art cups that are specifically designed to keep smoothies out of your origami.

13:00—**McCormick Hall**
Smoothies: We’ve raided Haymarket so we’ve got tons of fruit and yogurt. Come show us your mad blending skills by designing your own concoction.

13:00—**Next House**
Next Bake Dinosaur Cookies: Some say that a huge asteroid caused massive extinction! That type of heat would definitely explain why these cookie doughnosaurus turned into cookie dinosaurs. Frost them, then eat them!

13:17—**Random Hall**
Bubbles in the Random Bubble: They say you shouldn’t stay too long in the MIT bubble, but nobody said anything about the Random bubble. Come blow bubbles in our very own home-constructed inflatable room! There will be bubblegum and bubblegum pop.

13:30—**Simmons Hall**
CTF: Join us for the legendary game of Capture the Flag inside the legendary building where floors don’t connect and stairwells skip floors. It’s never been easier to get lost.

13:47—**Random Hall**
Leftover Nitrogen: Eat our ice cream, smash our flowers...help us run through the rest of our liquid nitrogen!

14:00

14:00—**Senior Haus**
Haus Tours
14:00—**Senior Haus**
Mask Making
14:00—**Senior Haus**
Shark Banana Splits
14:00—**New House**
Non-Newtonian Fluid Pool: Do you know what happens when you mix cornstarch and water? Forget the ziplock baggies from elementary school, we have a POOL of this stuff!
14:30—**MacGregor**
Water War: The Final Stage: Fill up a giant cart of water balloons, load up your water guns, equip your pool noodle sword and custom shield. It’s time to fight. WEST CAMPUS!!
14:47—**Random Hall**
Nerdy Singalong!: It’s hard to overstate my satisfaction with how much this event fulfilling in creative way. If hopes and dreams are shattering apart, remember it’s gonna be the future soon, so press up B and be still alive.

15:00

15:00—**Simmons Hall**
Stars and Stripes: Or whatever else you wanna stencil on some free t-shirts while you make 3D stars!
15:00—**McCormick Hall**
Dodgeball: Feeling old as you’re starting college? Come join McCormick for an exciting game of dodge ball!
15:17—**Random Hall**
DESTROY YOUR ENEMIES WITH FIERCE BLASTS OF DIHYDROGEN MONOXIDE: Come join the Random faction as we march to victory at the water wars! Cover yourself in war-paint! Prepare flying aqueous projectiles! Create funnelators of doom and deathiness! Unleash your inner berserker!
15:52—**EAsT campPUS**
he had a “going away for good” email-- does that not mean anything? is it like a “going out of business every month” sale?

16:00

16:00—**McCormick Hall**
Arts and Crafts with McCormick GRTs: Have fun with arts and crafts while hanging out with the McCormick GRTs!
16:12—**EAsT campPUS**
the people building our roller coaster: two homeless guys and reed la fleche
16:17—**Random Hall**
Nerf Chess: You know what chess needs more of? NERF GUNS! Shoot your opponent to make it your turn. Guaranteed to be cognitive overload.

16:45—**Next House**
Simmons-Next Chariot Race: Simmons Hall and Next House race for West Campus dominance in a human-drawn chariot race. Follow the race down to the Water War!

17:00

17:00—**Senior Haus**
Prepare for war
17:00—**Simmons Hall**
Simmons Build: Ok time to shine, let’s win this thing! (Wonder if anyone noticed this was a poem.)

17:15

The Annual East vs. West water war! Come with bathing suits and water balloons, and destroy those other guys! They suck! On the McDermott Dot.

17:30—**Baker House**
Sunrise Waffles: Come enjoy our beautiful million- dollar view of the Boston Skyline from our rooftop while you eat breakfast and chat with Baker residents!

17:41—**EAsT campPUS**
this freshmen runs up behind me and says “is this on the way to baker house?”
17:47—**Random Hall**
Random Plays Randomly: Up! B! Left! No, your other left! Come play video games, Twitch Plays Pokemon style, with other frosh for great glory!

18:00

18:00—**New House**
Taste of New House: New House has nine individual houses, and every single one of them has prepared a delectable meal - just for you! Get to know the people of New House while eating food cooked by our numbered and cultural houses.

18:00—**Burton Conner**
Floats on Floats on Floats: Float through REX and come drink everything from apple pie floats to classic root beer floats to lime sherbet floats with us!

18:00—**Simmons Hall**
The Consolation Dinner: In the rare case that we lose the water war, at least we have plenty of food to drown away our sorrows!

18:00—**Next House**
Victory Pizza: Come celebrate what we are sure will be a gloriously successful Water War with PIZZA. Then stick around and check out some of our unique Wing Events!

18:00—**iHouse**
Movie Marathon
18:00—**McCormick Hall**
Sweets, Treats, and Board Games: We’ve got board games, card games, and tons more. Come play or eat delicious desserts!

18:10—**Senior Haus**
Garment District Adventure Time

18:25—**Senior Haus**
Victory BBQ

18:30—**Baker House**
Meet in the Baker Lobby and we’ll head out to play some Ultimate!

18:30—**Next House**
Next 2W Dungeons & Dragons: Come, students, and join your fellow adventurers at Morzacs Institution for the Talented. We welcome all from first-time mages to experienced paladins to test their mettle, and survive the entrance exam of a lifetime.

18:30—**MacGregor**
Silly String Lava War: Spray 200 cans of silly string while jumping across tables- the floor is lava! Sweeeeeeet.

18:34—**EAsT campPUS**
Let’s build an Igloo.

18:47—**Random Hall**
Tuesday Night Talks: Secretly, this is TNT. But there won’t be any explosions. Come listen to upperclassmen talk about how not to explode at MIT and Random. It’s going to be great. Seriously. Vegetarian/vegan food will be provided.

19:00

19:00—**La Maison Française**
Cupcake Décor: Ever wanted to become an awesome baker? Join the world-renowned French House chefs in decorating cupcakes! You’ll learn everything, from basic piping to fancy techniques. All skill levels welcome!

19:00—**Burton Conner**
Sushi and Smoothies: Tired of pizza and burgers? Make your own California rolls and smoothies and enjoy some food that’s good and good for you.

19:00—**New House**
Sherlock & Deep Fryer Fest: Two things Desmond residents love: watching Sherlock and eating good food. Desmond is willing to give you both in one deep-fried event and you’ll

have the opportunity to sample an array of foods and then guess what it is!

19:00—**Simmons Hall**
SIMFEST: THE ULTIMATE SIMMONS EXPERIENCE! Come participate in our festival of mini-events run by the many Simmons communities.

19:00—**Maseeh Hall**
Come join us for some delicious ice cream! We'll meet in the Maseeh Lobby at 7pm for a quick walk towards yummy frozen treats.

19:30—**Senior Haus**
Screen Printing

19:30—**MacGregor**
Ice Cream Tuesdaes: It's funny because they're sundaes but on a Tuesday. We'll have a big selection of gourmet Boston area ice cream and sorbet, with fun toppings.

19:30—**Next House**
Next 4E Tea-Rex Party: Are you a tea lover that's ready for some relaxation? Come experience a 4E tea party! We may not be procrastinating on psets or spontaneously congregating in the hallway, but this tea party will be full of 4E fun!

19:38—**EAsT campUS**
I'M SORRY THAT YOU'VE NEVER PITCHED A REAL LIVE TENT BEFORE. I put it down in the grass and this smell like poofed out... what is that smell? is it my tent or is it nature? "I'm pretty sure it's those guys tent..."

19:47—**EAsT campUS**
the first question i ever got from a concerned parent was, is yanni alive? "it's a valid question"

20:00

20:00—**McCormick Hall**
Nighttime Carnival: Why limit yourself to games under the sun? Grab a glow stick and join us for a game of frisbee, capture the flag, and more!

20:00—**Maseeh Hall**
Tryna bust out some sick moves on Just Dance or play some crazy fun Wii-U games? Join us in the Maseeh Game Room & Media Room for some good times and good food.

20:00—**Burton Conner**
Super Smashing: Come smash with us, it'll be smashing.

20:17—**Random Hall**
Comics!: Wondering why the Galaxy needs Guardians? Not sure how the Dark Knight has anything to do with bats? Curious about comics in and out of the World Wide Web? Join us at Random for laid-back perusing of our comics collection accompanied by hot chocolate.

20:30—**Burton Conner**
BC A Capella: "Like singing? Waiting to reveal your inner Pentatonix? Well this is the perfect opportunity. Sing some arrangements, learn to beat box and even improv! See you there, acapellers."

20:30—**Next House**
Next 3W Safety Third Shenanigans: We will sporcle! We will fence with pool noodles! We will make a human tower! We will eat exorbitant amounts of food in a short period of time! Come join us! Love and corgis, Next 3W.

20:51—**EAsT campUS**
i'm so glad i'm not at a farm herding pigs. i herded so many pigs. five at a time, but at least six or seven times. first you get a bucket of corn, then you herd them back into the electric fence. you're fucking punching the shti out of the pig. it kinda goes mrreehh.

20:59—**EAsT campUS**
we

21:00

21:00—**Simmons Hall**
Puzzle Hunt: A puzzle hunt made by MIT students for MIT students. Drop in at any time and solve a few puzzles, or try to solve the meta first.

21:00—**MacGregor**
S'more S'mores: Hot sticky fun with way too many marshmallows, redux. Grab some then go watch a movie!

21:00—**Senior Haus**
Last minute mask making

21:17—**Random Hall**
Pecker Board Game Night: Build a Dominion in Puerto Rico comprised of Seven Wonders, then Race to the Galaxy and help the Twilight Imperium crush the Resistance. Through the Ages, board games have been an Innovation Random Hall has enjoyed. Come and play!

21:30—**Next House**
Next 2E Games, Guitars, Music, Mayhem, Food, and Fun: Food! Board Games! Video Games! Music Jam Sesh! All in one place! Get ready to #turnup with Next Two East in our all out extravaganza! Test your skills! BYOI (Bring your own instruments). Show us your talent!

21:30—**Simmons Hall**
Disney Singalong: Be our Guest and Let it Go! Be Prepared to sing your heart out and you might just go from Zero to Hero.

21:30—**La Maison Française**
Mandalas: Come and relax with some Mandalas! Spiritually, Mandalas hold quite a bit of sig-

nificance in many religions. For our purposes, they're really fun to color!

21:30—**Burton Conner**
Deep Conversations with Shallow People: A philosophy talk.

21:59—**EAsT campUS**
are

21:59—**EAsT campUS**
constantly

22:00

22:00—**MacGregor**
Sci-Fi Film Fest: The good, the bad, and the ugly. What do you mean you can't drill to the center of the earth?

22:00—**Senior Haus**
that thing with the masks

22:17—**Random Hall**
Experimental Smoothies: Do you like SCIENCE? What about SMOOTHIES? Come drink our smoothies, and maybe make some of your own. We promise they won't all be poisonous. 22:30—**Next House**
Next 5W Dino Movie Night: Rumour has it dragons are legendary creatures with reptilian qualities similar to those of a dinosaur! We're going to be learning how to train them using the giant 5W projector screen! We'll have snacks for all dragon trainers!

22:40—**EAsT campUS**
Okay but seriously "how terrified are your parents of east campus" is a great conversation starter

23:00

23:00—**Burton Conner**
Hot Chocolate, Smores, & The Universe 2.0: Drink cocoa, eat s'mores, and ponder the universe with Conner 2. Help decorate our hallway planetarium or just relax after a long day.

23:00—**Simmons Hall**
Lip Sync Battles: It's like American Idol but you don't even have to sing. Come be a rockstar and compete for awesome prizes.

23:00—**Senior Haus**
pillow fight

23:00—**New House**
Tasty Treats: Have you reached your sugar intake limit yet? No? Boy, do we have the event for you! Test your limits with midnight dessert from New House!

23:17—**Random Hall**
Spinning on the Roofdeck: Discover the art of making poi swoosh around your body! The hard part is not hitting yourself in the head with a sock full of birdseed.

23:26—**EAsT campUS**
speaking of fuzzy and leonid's radio show: my mother is the biggest fan of their show

23:59—**EAsT campUS**
on

Wednesday,
August 27, 2014

00:00

00:00—**Senior Haus**
Coffee & Cigarettes

00:00—**Next House**
Next Hoenn: Calling all Pokemon trainers! Team Magma and Team Aqua are recruiting! Sign up at bit.ly/nextmagma or bit.ly/nex-taqua, and bring a QR Code scanner to Next House. There are 202 Hoenn Pokemon out and about; can you catch em all?

00:59—**EAsT campUS**
gchat

02:00

FYRE applications close! If you want to transfer dormitories, make sure to fill out your application by now! For more information, go to http://housing.mit.edu/undergraduate/first_year_student_move_information#FYRE

03:00

03:00—**Senior Haus**
Orgy

05:00

05:12—**EAsT campUS**
he doesn't hate everything he's just a bud-dhist--it's not his fault

06:00

06:00—**Senior Haus**
Walk of shame

07:00

07:10—**EAsT campUS**
he had sex with his girlfriend in a bed WHOA WHOA WHOA

08:00

08:00—**Simmons Hall**
Mystery Breakfast: You have to be a detective to figure out what we're having for breakfast this morning, but you don't have to be a detective to eat it!

08:00—**New House**
Continental Breakfast: Looking for breakfast or a bedtime snack? Craving delicious smoothies and waffles? Not enough bacon in your diet? The friendly residents of New House will be serving up breakfast, so come get some!

08:14—**EAsT campUS**
my mom's moms run a one room school-house in the middle of seattle. in the last couple of years they've moved to this five mile by one mile island in canada that's entirely gay people

09:00

09:00—**Maseeh Hall**
Come enjoy crepes with a variety of tasty toppings!

09:00—**MacGregor**
Food, meet mouth: We're tired of making breakfast food but hopefully you're not tired of eating it.

09:30—**Next House**
Next Breakfast: To-go breakfast items will be available in the lobby. Start your day right! Dino Fact of the Day: Dinosaurs probably became extinct due to a massive asteroid impact, whose crater can be found in Mexico in the Yucatán Peninsula.

10:00

10:00—**Senior Haus**
SH Runners

10:00—**La Maison Française**
LEGO Excavation: The LMF Dept. of Archaeology recently came across boxes of some interesting artifacts from time immemorial. They seem to be a set of plastic pieces utilizing standardized joining technique, allowing for seemingly endless combinations. We need you to check w

10:16—**EAsT campUS**
he says things that could be like "we're bros" except they're creepy!

10:30—**Simmons Hall**
GIANT STUFF: EVERYTHING is bigger in Simmons. Giant BALL PITS. Giant JENGA. Giant ORIGAMI. Giant TWISTER. Famangomadan.

10:30—**Senior Haus**
Brunch of Doom

10:47—**Random Hall**
C is for Cookie and T is for Tea: Come enjoy games like Bananagrams, Boggle, Scrabble, or solve a crossword or two with us. Or just relax and unwind from the whirlwind of REX with tasty cookies and a cuppa tea. Oolong, chai, green, earl grey, rooibos...

11:00

11:00—**Next House**
Next Sustain Shakeable Flashlights: Shake it up, baby! But first solder it, drill it, wind it, glue it: come make your own shake-powered flashlight with the greenest geeks in the House!

11:00—**MacGregor**
Paintpaintpaint: Paint walls paint things paint people. Ends when you want it to end

11:00—**Maseeh Hall**
Do you like food, adventure, and prizes? Come by the castle for a scavenger hunt and pizza! Be on the winning team and get a prize!!

11:29—**EAsT campUS**
life tips, i gotta smell with my mouth open

11:30—**Senior Haus**
Mad Hatter Tea Party

11:47—**Random Hall**
Fiddler on the Roofdeck: Do you love latkes? Miss matzah ball soup? Come eat home-cooked, out-of-season, traditional Jewish food on Random Hall's roofdeck. Being Jewish not required.

12:00

12:00—**Simmons Hall**
Salad Party: Had a few too many carbs so far this rex? Come enjoy some delicious salad and vegetables over at Simmons! We'll have a crazy topping bar!

12:00—**New House**
Brunch of Waffles: Brunches of waffles are delicious Oh My! Have a brunch full of bunches of waffles with tasteful toppings and more.

14:00

14:00—**MacGregor**
Speed Friending: Now that you probably know where you're living, get a headstart on meeting your new best friend, or that girl-next-door.

15:00

15:13—**EAsT campUS**
next you wear glasses and swirl it and see if it develops legs and everything

16:00

16:06—**EAsT campUS**
don't fuck up my nipple. this is my nipple.

17:00

17:00—**Senior Haus**
Let's Dye Together

17:00—**Senior Haus**
BBQ & Tireswinging

17:00—**Simmons Hall**
Event Re-Runs: Did you have way too much fun at Simmons REX? Come revisit some of the great events we've had! We'll just be messing around until In-House Rush begins.

17:00—**Burton Conner**
Chat with Sims and Surya: Come chat with Sims and Surya

17:00—**Senior Haus**
Graffiti & AntiVandalism

18:00

IN-HOUSE RUSH:
Once you get results from FYRE, or decide to stay, join the other frosh and pick where you'll live in the dorm!

18:00

18:00—**Senior Haus**
Nude Portraiture

18:15—**La Casa**
Dinner with the family: Come join us and be part of our familia for dinner.

18:41—**EAsT campUS**
it's like facebook and east campus, that's the only clothing that you own. "why would you own any other clothing?"

19:00

19:00—**iHouse**
Jeopardy Game: International Development Themed!

19:30—**McCormick Hall**
Sleepover: End REX with a fun night of games and snacks with all your new McCormick friends!

20:00

20:27—**EAsT campUS**
the word that just popped into my head was lazerdilldo

21:00

21:00—**iHouse**
Trip to Toscanini's: Meet in New House 1

21:06—**EAsT campUS**
don't make me take everyone off the mailing list again

21:15—**Maseeh Hall**
Come meet Maseeh residents and eat delicious cupcakes!

21:36—**EAsT campUS**
ditsy-- that's a big word

22:00

22:00—**Maseeh Hall**
Come to Maseeh and make new friends by drawing on them! We'll have black lights, highlighters, and a white T-shirt if you forget one! Oh, and there'll be music to dance to also.

22:30—**Senior Haus**
Church

22:34—**EAsT campUS**
i repress my gay urges for about 20 seconds every day. "keep exercising, you'll get to 30 seconds" "it's like kegels, every once and a while you remember to do it"

23:00

23:59—**EAsT campUS**
"if you pee, you'll have to keep peeing forever" "that's not how peeing works" "something something webMD" "something something FACEBOOK"

Thursday,
August 28, 2014

08:00

08:00—**Simmons Hall**
Pancake Breakfast: Stayed up all night? Come fuel up for an exciting day the right way: with a scrumptious assortment of pancakes! Make them your own with rainbow-colored batter!



Say hello!
Come visit us!

WE HAVE
AWESOME
EVENTS TOO!

Thursday Events:
Dinner with *The Tech*
(6:00–7:00)

Come and meet the friendly staff that make MIT's only newspaper over free food!

Open Issue Night
(7:00–10:00)

Stick around after dinner to see how the paper is made!



Like what you see?

We're *The Tech*, MIT's only newspaper, and oldest student activity. Drop by our office in **W20-483** to chat and see our departments at work, or email us at join@tech.mit.edu.

How do you get here?

Just go to the student center (W20), and head up to the 4th floor. Follow the signs down the hall, and when you see our banner, you're here!

Scan Me!
(for science!)



Down the hall...

We live here!

4th floor

